



DEPARTMENT OF THE ARMY
ASSISTANT SECRETARY OF THE ARMY
(INSTALLATIONS, ENERGY AND ENVIRONMENT)
110 ARMY PENTAGON
WASHINGTON, DC 20310-0110

S: 18 May 11
MAY 12 2011

MEMORANDUM FOR See Distribution

SUBJECT: Army Net Zero Installation Training

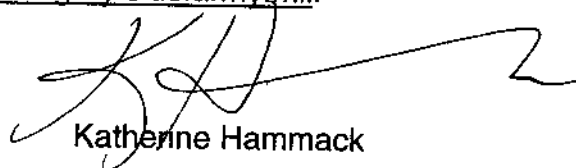
1. My staff is working with the Office of the Assistant Chief of Staff for Installation Management (OACSIM) to host Net Zero Installation Training at Fort Detrick, MD, on 14-16 Jun 11. This training kicks-off the Army's Net Zero Installation Initiative and provides a venue for pilot installations to share ideas and learn about resourcing the required projects.
2. To be fiscally prudent, attendance is limited to 100 participants. Targeted participants include pilot Net Zero Installations in energy, water, or waste, HQ Army staff elements, Commands, and Direct Reporting Units (DRUs) that are directly involved in the Net Zero Installation Initiatives. Enclosure 1 lists the maximum number of attendees per organization.
3. The training will commence promptly at 0830 hours on 14 Jun 11 and conclude at 1200 hours on 16 Jun 11. The training agenda is provided at Enclosure 2 and includes two plenary sessions, a field trip, and break-out tracks. The plenary sessions include high-level presentations from the Army, other Federal Agencies, and our Industry counterparts. The field trip highlights examples of sustainable practices in energy, water, and waste at Fort Detrick. Each installation will only be authorized to attend the breakout track(s) they were identified in as a pilot (energy, water or waste) installation. Attendees' participation in all sessions, including luncheons, is mandatory.
4. During the break-out tracks, each installation will present their proposed strategy for becoming net zero (20 minute presentation with 10 minutes for discussion). Installation presentations will also address their accomplishments to date, current activities to support net zero, strategy to achieve net zero, status of their Installation Master Plan, any related National Environmental Policy Act (NEPA) analyses, and identify assistance required. A template for the installation presentations is provided at Enclosure 3.
5. Fort Detrick's Morale, Welfare and Recreation (MWR) Support Office will cater a lunch buffet for all attendees on 14 and 15 Jun 11 at a cost of \$12.50 per person per day. MWR will provide a cashier to collect the fee each day. Special dietary requirements must be annotated on the registration form (Enclosure 4).

SAIEE

SUBJECT: Army Net Zero Installation Training

6. For event planning purposes, please complete the registration form (Enclosure 4) for each attendee and return it to Ms. Kristine Kingery (Kristine.Kingery@us.army.mil) no later than 18 May 11. Commands will centrally fund their attendees. Installation attendees are required to use the Washington DC area airport (i.e., BWI, IAD, or DCA) providing the lowest cost air travel.

7. I encourage you to support the training by sending your Command and Installation-level representatives who are responsible for your Net Zero Installation Energy, Water, and Waste efforts. Please direct any questions regarding the training or Net Zero Initiative to Ms. Kristine Kingery, Net Zero Portfolio Manager, ODASA(E&S), 703-614-5883, or via email at Kristine.Kingery@us.army.mil.



Katherine Hammack

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Enclosure 1 – Targeted Participants

Army Net Zero Installation Training

Date: 14-16 Jun 11

Location: Bldg 1529, Fort Detrick, MD

Installations*:

Command	Installation	Energy	Water	Waste
IMCOM	Fort Bliss	2	2	2
IMCOM	Fort Carson	2	2	2
IMCOM	Aberdeen Proving Ground		2	
NGB	Camp Rilea		2	
IMCOM	Fort Buchanan		2	
MEDCOM	Fort Detrick	2		2
IMCOM	Fort Hood			2
OCAR	Fort Hunter Liggett	2		2
IMCOM	Fort Polk			2
IMCOM	Fort Riley		2	
IMCOM	JB Lewis-McChord		2	2
SMDC	Kwajalein Atoll	2		
NGB	OR ARNG	2		
OCAR	Parks Reserve Forces TA	2		
AMC	Sierra Army Depot	2		
AMC	Tobyhanna AD		2	
IMCOM	USAG Grafenwoehr			2
IMCOM	West Point	2		

Targeted participants: At the discretion of the Garrison Commander. Each category must have a minimum of one technical representative able to speak to the installation's strategy towards achieving Net Zero. Recommend the second representative be the DPW or Garrison Commander. Where an installation is identified for two or more categories, attendance by the Garrison Commander is highly encouraged. Installations may allocate one of their slots to their supporting USACE District if the installation determines District attendance is key to their installation's Net Zero effort. The table lists the maximum number of participants allocated for each installation.

HQ Agencies:

Organization	Attendees
<u>HQDA</u>	
IEE	7
OGC	2
ACSIM	6
ELD	1
subtotal	16
<u>GOs/SESs</u>	
IEE	1
ACSIM	2
CEQ	2
subtotal	5
<u>DoD</u>	
OSD	1
Air Force	1
Navy	1
subtotal	3

Commands & DRUs:

Organization	Attendees
<u>Commands</u>	
IMCOM	6
NGB	2
OCAR	2
SMDC	1
AMC	2
subtotal	13

Technical Assistance:

Organization	Attendees
<u>Tech Assistance</u>	
HQ USACE	1
Huntsville	2
CERL	3
FEMP	3
NREL	2
PNNL	2
subtotal	13

Targeted participants: functional representatives knowledgeable of their Command's Net Zero implementation effort (e.g., Facilities, Logistics, Environment, Plans). The table lists the maximum number of participants allocated for each agency/command.

Enclosure 2 – Draft Agenda

Army Net Zero Installation Training

Date: 14-16 Jun 11

Location: Bldg 1529, Fort Detrick, MD

Day 1 – Tuesday, 14 June 2011

Plenary Session – Bldg 1529

0830 – 1130 Opening Session

- 0830 Welcome & Administrative Remarks – CDR, Fort Detrick, MD
- 0840 Opening Remarks – ASA(IE&E)
- 0920 Opening Remarks – ACSIM
- 0950 Training Intent & Organization – ODASA(E&S)
- 1000 Break
- 1020 Guest Speaker Introductions – DASA(E&S)
- 1030 Federal Sustainability Outlook – CEQ
- 1130 Industry Sustainability Outlook – TBD

1215 – 1300 Lunch – Buffet catered by MWR

1300 – 1400 Strategic Planning, First Step to Achieving Net Zero – NREL

1400 – 1500 Legal & Environmental Considerations – OGC and OTJAG

1500 – 1730 Field Trip – Fort Detrick Central Utility Plants, Waste to Steam Plant, Advanced Metering Program and Energy Monitoring and Control System

1800 – 1930 Social Event – Bldg 1529

Day 2 – Wednesday, 15 June 2011

Break-Out Tracks*:

Track	Location
Energy	Bldg 1529
Water	Bldg 1529
Waste	Bldg 1532

0830 – 1215 Installations' Net Zero Preliminary Plans

1215 – 1300 Lunch – Buffet catered by MWR – Bldg 1529

1300 – 1700 Track-Specific Technical Sessions – CERL, PNNL, & NREL presentations

1700 – 1900 Dinner – Networking Opportunity (on your own)

*Each Break-Out Track will have an Army Secretariat proponent, an ACSIM proponent, a recorder, and technical support agency representatives.

Day 3 – 16 June 2011

Plenary Session – Bldg 1529

0830 – 1200 Net Zero Challenges & Opportunities

0830 Alternate Financing Panel – FEMP and Huntsville

0930 Sustainable Practices Panel – TBD

1015 BREAK

1030 Sustainability within the Federal Government - why the Army is Critical to Success – OFEE

1100 Feedback Session – ODASA(E&S)

1115 Next Steps/Future Communications – ODASA(E&S)

1130 – 1200 Closing Remarks – ACSIM

Enclosure 3 – Installation Presentation Template

Army Net Zero Installation Training

Date: 14-16 Jun 11

Location: Bldg 1529, Fort Detrick, MD



Insert
Installation
Logo

Net Zero [Energy, Water, or Waste] Strategy Installation, State

**Net Zero Pilot – Training
15 Jun 2011**

Assistant Secretary of the Army (Installations, Energy & Environment)



Agenda

Insert
Installation
Logo

- **Accomplishments to date**
- **Current activities to support Net Zero _____**
- **Strategy to achieve Net Zero _____**
- **Status of Master Plan and NEPA**
- **Assistance needed**

Assistant Secretary of the Army (Installations, Energy & Environment)



Accomplishments

Insert
Installation
Logo

[For each bullet, address Net Zero Hierarchy]

- What initiatives, programs, projects or has the installation done to date that support their designation as a Net Zero Pilot Installation for [Energy, Water, or Waste]?
- How have they funded/financed those projects, programs, or initiatives? (e.g., installation O&M, SRM, or MILCON project? 3rd-party financing? ESTCP project?)
- Where did they get technical assistance to accomplish the initiative, program, or project?

Assistant Secretary of the Army (Installations, Energy & Environment)



Current Activities

Insert
Installation
Logo

[For each bullet, address Net Zero Hierarchy]

- What initiatives, programs, or projects are currently underway to help the installation reach Net Zero [Energy, Water, or Waste]?
- How are the current activities being funded/financed? (e.g., installation O&M, SRM, or MILCON project? 3rd-party financing? ESTCP project?)
- Who is providing technical assistance/support for the initiative, program, or project?

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Net Zero Strategy

Insert
Installation
Logo

[For each bullet, address Net Zero Hierarchy]

- What future initiatives, programs, or projects does the installation plan to pursue to reach Net Zero [Energy, Water, or Waste]?
- How does the installation plan to fund/finance those efforts? (e.g., installation O&M, SRM, or MILCON project? 3rd-party financing? ESTCP project?)
- Who will the installation use to provide technical assistance/support for the initiative, program, or project?

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Status of Master Plans & NEPA

Insert
Installation
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- Provide short overview of status of Installation's Master Plan (e.g., has it been updated to include energy project development)
- Has the Installation initiated any NEPA reviews to support their Net Zero (or previous energy, water, or waste) initiatives?
- Has the Installation completed a Comprehensive Energy & Water Master Plan?

Assistant Secretary of the Army (Installations, Energy & Environment)



Need for Assistance

Insert
Installation
Logo

- Where does the installation need help? (e.g., energy modeling, 3rd-party financing, technical assistance for XXX project or technology)
- Do they see the need for new or revised policies?
- XXX

Assistant Secretary of the Army (Installations, Energy & Environment)

Enclosure 4 – Registration Form

Army Net Zero Installation Training

Date: 14-16 Jun 11

Location: Bldg 1529, Fort Detrick, MD

Registration forms must be emailed to Kristine.Kingery@us.army.mil by 16 May 2011.

FIRST NAME	
LAST NAME	
DIVISION / TITLE	
ROLE IN NET ZERO EFFORT	
ORGANIZATION	
ORGANIZATION ADDRESS	
CITY/STATE/ZIP CODE	
PHONE	
EMAIL	
TRACK	
SPECIAL DIETARY REQUIREMENTS	

Hotel and transportation information will be provided to confirmed participants.